# 2025
# Positron Emission Tomography Scanner Need Projection

| Health Planning Area | 2025 Projected Population [1] | Sum of Projected Cancer Cases [2] | Projected number of cancer patients that may benefit from scan [3] | Projected number of PET patients [4] | Projected number of PET units needed statewide per HPA [5] | Existing and Approved PET/CT Units [6] | Projected Unmet Need (Deficit) or Surplus [7] | Unmet Need (Type Unit Allowed) [7] | Aggregate Utilization [8] |
|---|---|---|---|---|---|---|---|---|---|
| HPA 01 | 775,599 | 3,560 | 1,780 | 2,492 | 0.91 | 3.57 | 2.6610 | No Units Needed | 35.8% |
| HPA 02 | 517,800 | 2,666 | 1,333 | 1,866 | 0.68 | 2.13 | 1.4528 | No Units Needed | 56.7% |
| HPA 03 | 5,726,572 | 27,536 | 13,768 | 19,275 | 7.01 | 19.94 | 12.9279 | No Units Needed | 55.3% |
| HPA 04 | 560,954 | 2,825 | 1,413 | 1,978 | 0.72 | 2.00 | 1.2808 | No Units Needed | 91.6% |
| HPA 05 | 570,085 | 2,858 | 1,429 | 2,001 | 0.73 | 2.57 | 1.8423 | No Units Needed | 59.7% |
| HPA 06 | 564,818 | 2,842 | 1,421 | 1,989 | 0.72 | 2.14 | 1.4191 | No Units Needed | 49.3% |
| HPA 07 | 526,532 | 2,395 | 1,198 | 1,677 | 0.61 | 1.27 | 0.6588 | No Units Needed | 79.3% |
| HPA 08 | 398,579 | 1,882 | 941 | 1,317 | 0.48 | 1.35 | 0.8662 | No Units Needed | 44.0% |
| HPA 09 | 155,240 | 654 | 327 | 458 | 0.17 | 0.27 | 0.1020 | No Units Needed | 54.9% |
| HPA 10 | 693,507 | 3,112 | 1,556 | 2,178 | 0.79 | 3.41 | 2.6134 | No Units Needed | 41.0% |
| HPA 11 | 371,088 | 1,764 | 882 | 1,235 | 0.45 | 2.07 | 1.6222 | No Units Needed | 34.1% |
| HPA 12 | 278,388 | 1,329 | 664 | 930 | 0.34 | 1.14 | 0.8042 | No Units Needed | 49.8% |
| HPA 13 | 399,307 | 1,809 | 904 | 1,266 | 0.46 | 1.00 | 0.5396 | No Units Needed | 68.8% |
| | 11,538,469 | 55,232 | 27,616 | 38,662 | 14.06 | 42.85 | | | 52.7% |

**Notes and Sources:**

[1] 2025 Resident Projected Population, Georgia Governor's Office of Planning and Budget, 4/1/2017 Release

[2] Projected cancer cases is determined by applying the most recent cancer incidence rates to the horizon year population. From "Age-Adjusted Cancer Incidence Rates per 100,000 (2013-2017)" reported by the Georgia Comprehensive Cancer Registry; Georgia Department of Public Health (http://dph.georgia.gov/cancer-reports); released 2019.

[3] Projected cancer cases who may benefit from PET scans is 50% of the projected number of cancer cases.

[4] The projected number of PET scan patients is determined using the actual ratio of Ocology to Non-Oncology PET scans from the most recent 2 years.

[5] The number of PET scan units projected by HPA is determined by using an optimal utilization standard of **2,750** scans per unit per year. Projected number of PET patients is devided by **2,750**.

[6] Total Existing PET/CT scanner units reported. Mobile units allocated by HPA as reported.

[7] Projected unmet need is from the sum of the existing and approved PET scanners less the projected number of PET scan units in the horizon year. Where the projected unmet need is greater than -75.0% a fixed unit is allowed. If projected unmet need is greater than -3.2875% but less than -75.0% a mobile site is allowed.

[8] Aggregate utilization based on survey data for all units that were operational during 2019. Calculated by dividing the actual total number of scans by the capacity number of scans as if the available units were operating at optimal utilization. Aggregate utilization must be at or above 80% before new units will be approved.